

## Biomimetics and astronomical X-ray optics

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### Abstract

Some sea and water animals have strange mirror eyes which have (or might have) potential application in science and technology in general and in X-ray astrophysics in particular. While the principles of mirror eyes of decapods (lobsters, crayfishes) are already applied in space and ground-based imaging experiments, the mirror eyes of specific fishes are still very little investigated.

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### Keywords

Biomimetics, Lobster eye optics, X-ray monitoring

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